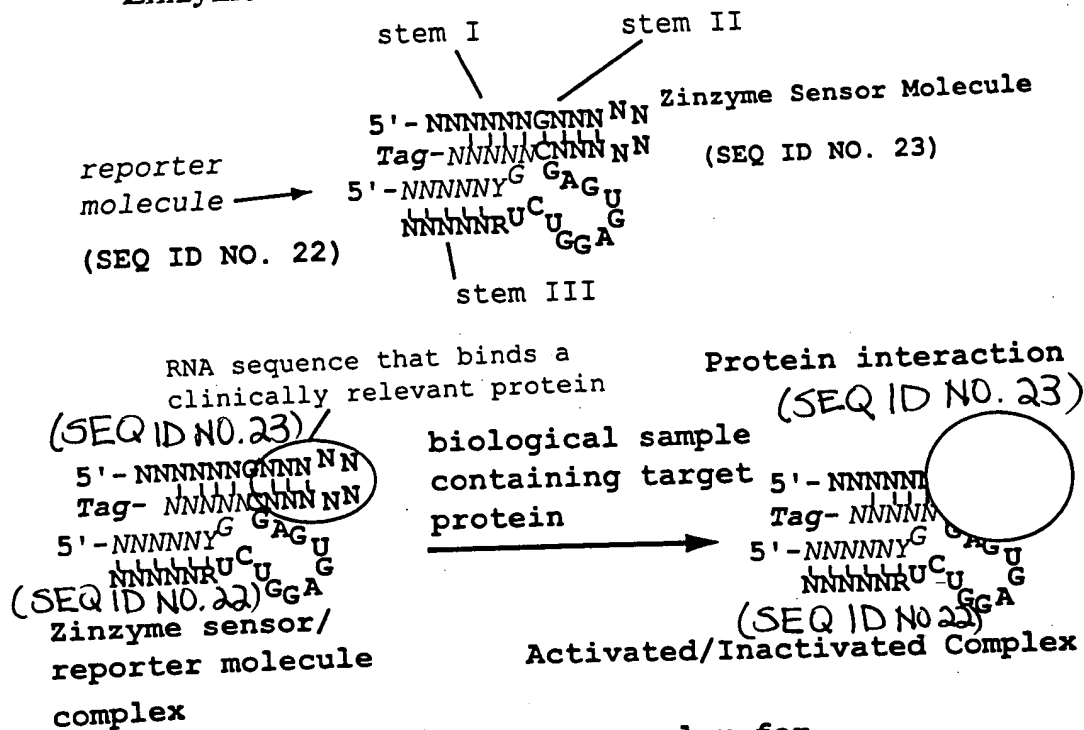


Zinzyme Sensor Molecule for detection of Protein



Sensor/reporter complex for detection of HCV core protein

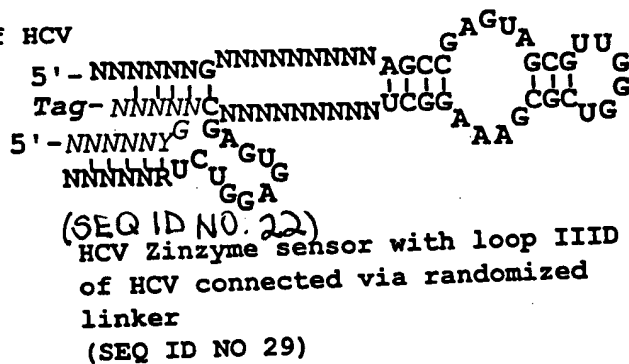
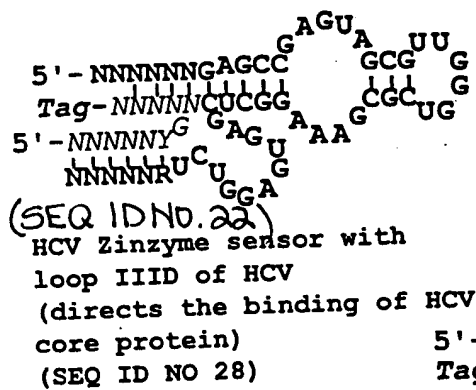


FIG. 20

FIG. 26 Target Inactivation of Zinzyme Sensor Molecule

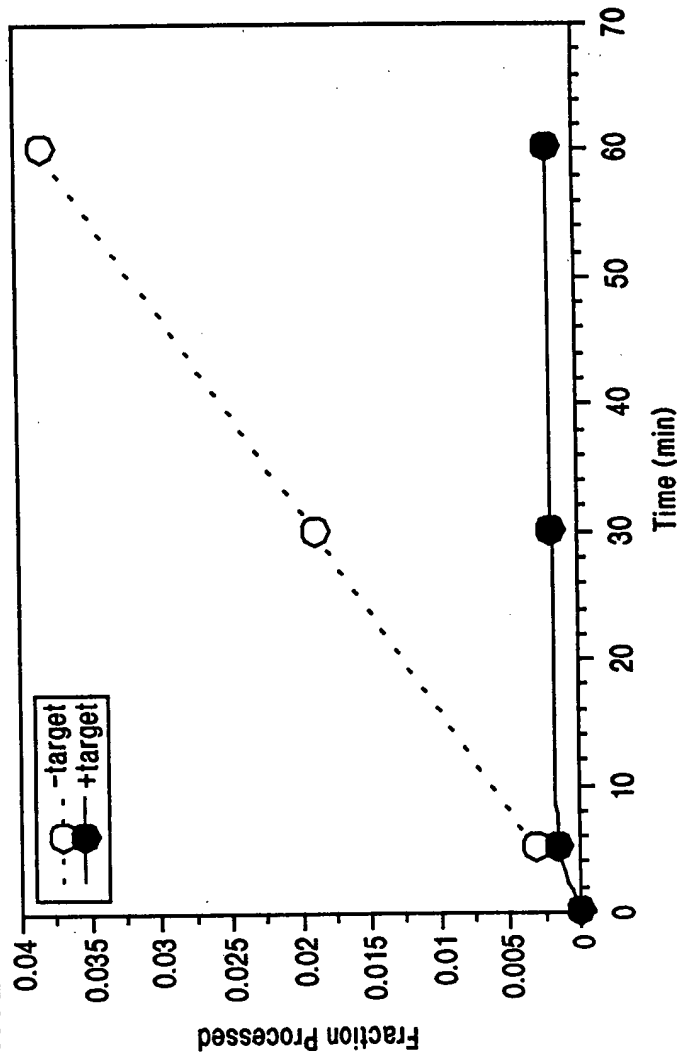
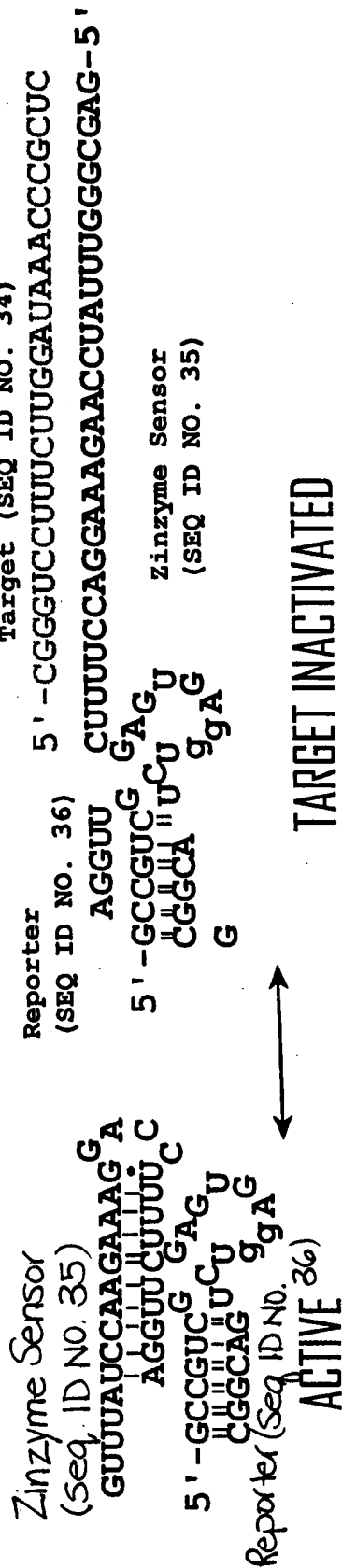
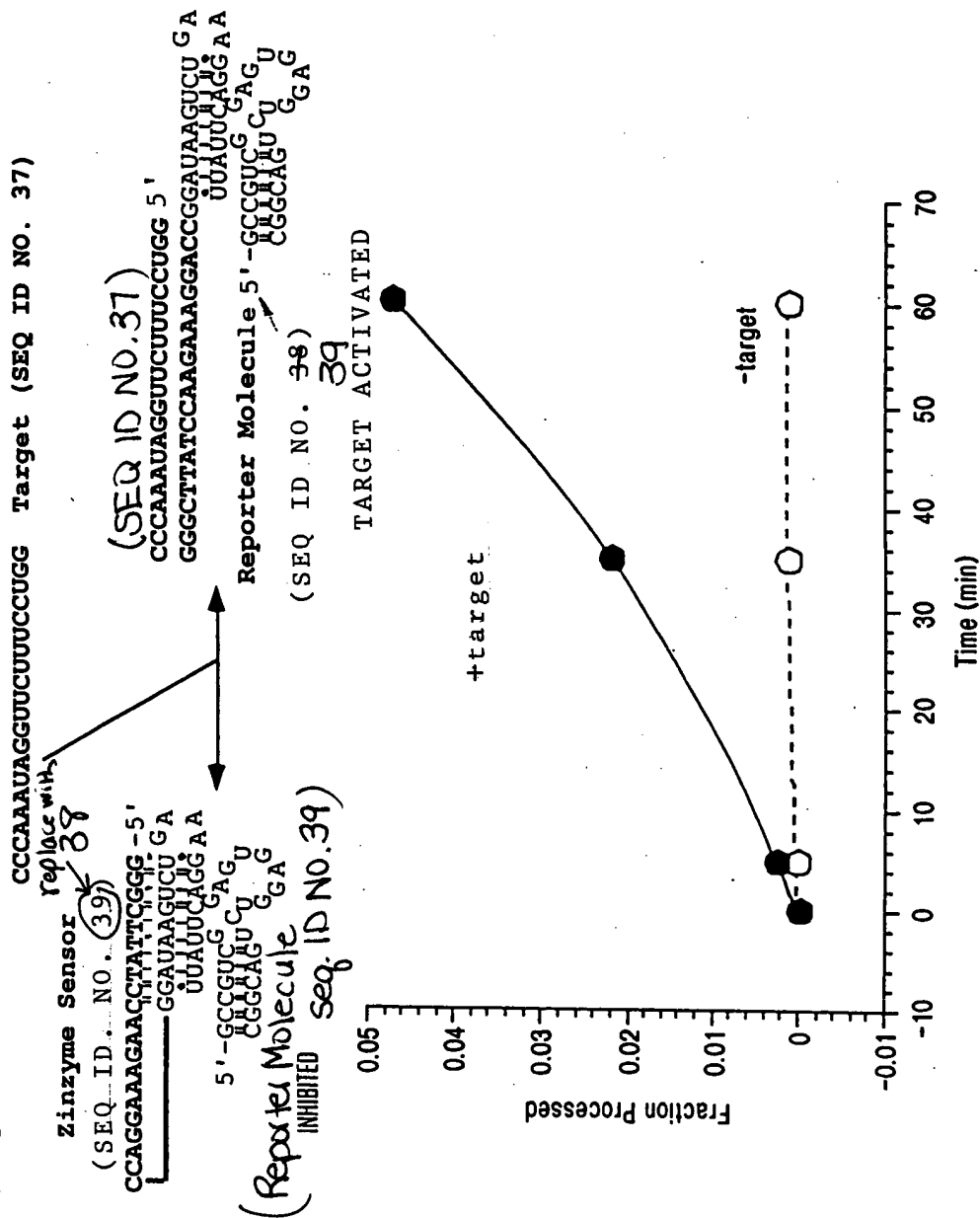
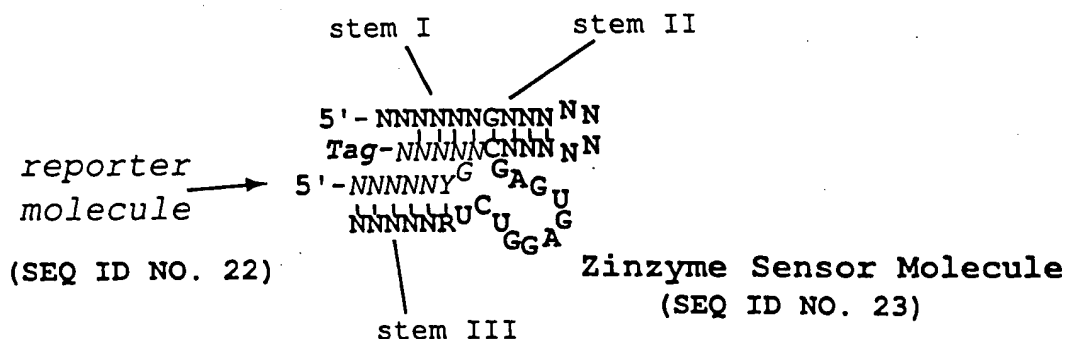


FIG. 27 Target Activation of Zinzyme Sensor Molecule

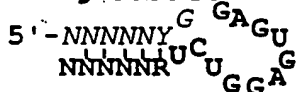


Zinzyme Sensor Molecule for detection of Nucleic Acid



Inactive Zinzyme sensor/
reporter molecule complex

(SEQ ID NO. 22) 22
Tag-NNNNNYCNNNNN-5'



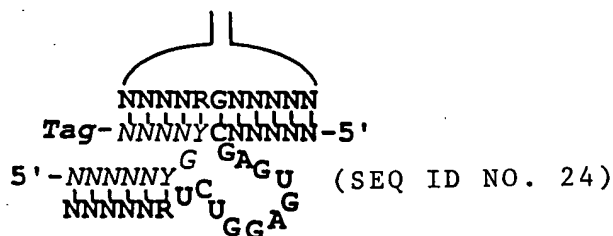
(SEQ ID NO. 24)

Target Signaling
Molecule



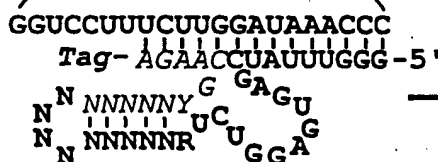
Target Signaling
Molecule

(SEQ ID NO. 25)



Active Zinzyme sensor/
reporter molecule complex

(SEQ ID NO. 22) 22
Stem-loop III of HCV (SEQ ID NO. 26)
Active HCV Zinzyme sensor/
reporter molecule complex (SEQ ID NO. 27)



catalysis results in
release of Tag-AGAAC
for detection

Zinzyme sensor can be attached to solid support/surface,
for example at the 5'-end

FIG. 19

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